

## Grade: ARMC-538-N

**Manufacturer:**

Aremco Products, Inc.

**Description:**

One-part, inorganic-ceramic coating system used to electrically isolate high power, high temperature ceramic resistors. This advanced coating exceeds the temperature limitations of conventional epoxies, phenolics and silicones, and can be used in applications as high as 2600°F (1427°C).

PROPERTY	US VALUE		METRIC VALUE	
Type	Ceramic-Inorganic			
Temperature	2600	°F	1427	°C
Solids by Weight	87.0	%		
Solids by Volume	66.0	%		
WFT	75.0 (1905)	mils (microns)		
DFT	52.0 (1320)	mils (microns)		
Theoretical Dry Film Coverage	1123	@ 1 mil, ft <sup>2</sup> /gal	27.6	m <sup>2</sup> /liter
Application Temperature MIN	50	°F	10	°C
Application Temperature MAX	90	°F	32	°C
Drying Touch	1	hours		
Drying Handling	1	hours		
Drying Recoat	Not Required	Min/Max hours		
Min Air Set	1	hours		
Heat Cure	200/1 + 350/1	°F, hours	93/1 + 177/1	°C, hours
Color	Grey			
No. Components	1			
Mixed Viscosity	35,000	@ 25°C, cps		
Thinner	538N-T			
Specific Gravity	3.15	gms/cc		
VOC's	0.00	lbs/gal		
Shelf Life	6	months		
Storage Temperature	65	°F	18	°C